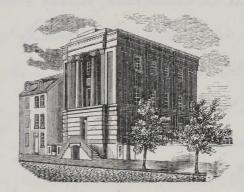
AM ESSAY OM

Alhthisis Pulmonalis

Proces or with the sacret of the sacoustic of the sacoustic of the sacoustic or the sacoust



HOMGOPATHIC MEDICAL COLLEGE

OF PENNSYLYANIA,

On the s day of January, Eighteen Hundred and Fifty-six.

By Michard Carrique Of Pawtucket, Massachussetts.

po 30

Mathisis Pulmonalis.

The term phothisis is used to denot that form of luterculous disease in which the lungs are principally affected. In these organs it is first-developed, and here are man--ifested the most interesting and important of its symptoms. It prevails throughoutourland, but to a much greater of taset in the northern then in the Southern Catitudes. His colimated that about one sixth of the death occurring north of the tropies is cursed by this drewded disease. Those who are constitutionally predis posed to it are said to possess the tuberculous or scrof-- whow diathesis; that is a predisposition te deposit a peculiar substance which

from the form it assumes in many tissues is called tobercle. This diatheses is thought to be indicated by certain physical peculi--arities, as a clear sosy complexion, soft-delicate skin, large The eyes with long lushes, Thick lips reprecially the upper lone, narnow thest and in Thildhood a spright by disposition and precious intellect. The nature of this peculiar deposit which is conveyed by the blood, and which may occurs in almy part of the system where The blood firculates, and the developement of which is attended with such fatal results has not get been decided. When first deposited it is gray semitronsparent and hard, soon becoming yellow opaque and soft. It is thought to be somethree deposited in the tatter form, which is its crude state. These deposits may

take place in small isolated bodies or in irregular instituated masses. The small isolated bodies are called miliary tuber -cles and vary in size from a millet seed to a pea, and are Sometimes even larges. Intercles when deposited may adown--ce to their crude state and remain quiescent until some accidental or un-- Known circumstance rouse Them into action. When tweercular matter is deposited in the gray semitrumspare ent form, a yellow sport soon makes its appearance near the centre of the de-- posit which continues to extend until The whole becomes yellow opaque and soft. When the tubercular bleposito have maturated inflammation and ul--ceration set in, a passage is established between the tubercle and bronchia, one or

more of Which communicate with a luber -cle, The contents of the tuberele are dia-- chargel, leaving a cavity technically called a vomical these varicae are linedby a false membrane which secretes apro Tike substance which continues to be discharged for sometime. This mem-- brane is formed by fibrinous regula--tion and is continuous with the mucous onembrane of the bronchia. Sometimes These cavities on vomical coalesce forming one immense car--en not emfrequently comprising the whole upper lobe of a lung. These Cavities are Seldom a never found in the low--cr proction of the lungs; The isolated Intercles however are found scattered in all parts of the organ. Of the two the left lung seems to be the most obnox-

ions to tubercular deposits. The origin of latercles has been and is still a subject of great interest. Some pathologists maintainthat They are a product of inflammation; but the argument surged against inflammation po the problecing cause of tubereles is that those parts of the lungs the most prone to inflammatory attacks are seldom The seat of, and have the fewest tuber--cles, and that those portions of the lungs in which deposits are most frequently found are sarely affected by inflammation. Inflammation Sometimes precedes and is often the result of the development of tubereles, but that they are the result of an inflammatory phro -cess is now generally disbehived by the profession. Another interesting subjectand one of much controversy, if the mode by

Which softening is produced in tubereles. Some contend that an inflammatory con-- Oction is excited by infiltrated Kurulant or serous fluid secreted by the investing tissue of the Intercles but others equally eminent as authority among whom may be mentioned Levennec and Louis are apposed to this opinion. The are bette suppose from certains observable fasts That This change in tuber -cular deposits is owing to the peculiar nature of the substance. Sometimes The development of tubercles is arrested and nature establishes a process by Which The animal portion of the table -cle is absorbed, the earthy portion remaining in the form of a chalky concretion which is comparatively harmless. Another process by which tuber-

very troublesome preventing the unfortunate patient from obtaining lang refreshing rest. This increase of the bough is attributed to the tubercles having abrived at that peri--od when their contents seekt be dis-- Charged, and also to the bronchial inflam-- mation caused by the irritating matters Coming in contact with the bronchial membrane. At this stage the character of the cyprestoration is materially attered, the Sputa having a distinct globulas form of a greenish gellow colour, thick semifluid Consistency, and is often streaked with yellow in dicating tiguified tuberculous mat-I to. When these flistinct globular sputa are discharged into water They flatten but retain their distinct form and float as sink as they are more or less mixed with mnows. The distinct sputa

are seldom observed in any other disease of the chest, and something they are want ing in phthisis, the expectocation being Smore like that noticed in the purulent stage of Thronie bronchitio, Which is more aft to be the case if there are large vom--ieue in the lungs. The quantity exper-- torated varies in different dases, in some being quite copious and in others searceby Insticeable. Vometimes the discharge of puro suddenly ceases, which is althout ell to the cavity having taken on a heal--thy action; but other tubereles soon mut-Jurate and the discharge is again renewed. On the advanced period of the disease, the pros frequently presents a moty or brownish appearance, and the cough becomes deep and hollow, which is one of the fatal signs. The cough and expec-

Toration not empregnently cease a few days previous le dissolution. Depaprovea is a symp--tom most usually present in the later stages of phthisis Sout-which however is seldon troublesome unless there be complication with some other disease of the Thest, when it may cause extreme suffer ing. Cases are mentioned where the patients were obliged to maintain the sitting posture for days and even weeks before death. That Agsproca is not more frequently a prom-- inent symptom is attributable to the Jack That the amount of Blood becomes propotioned to the diministred cupae 1-ity of the lungs. To emouthage man Decur at any period of the Shiregas, Outresnally more frequent in the first Then at any subseguent stage. I copions hoemoptysis occur at an adfanced period

of the chisease it is most probably owing to some large vessel having been spill opened by alceration. The dymptom cans--ing the patient more discomfort thenang other, is the night sweats which are often Do profuse that the sheets in which the fratient has slept may be wring. Therexhaustion from these saleats is extreme, causing the poor pratient to dread the Thoughts of sleep. Watson mentions a case of a poor fel-- low who was so troubted by nochumal perspiration that he slept for several suc -cessive nights in a sitting posture in hope of obtaining relief, and In those nights he had no perspiration. These sweats are the Thought to be owing to a debititated con-Obtion of the capillaries which allows the watery proction of the Stood to escape readily and that they occur during steep because the

vital forces are then the most depressed. Next to the cough a frequent pulse is found to be the most constant in phthisis. Shipsexercise causes great acceleration, and frequently it will rise as high as one him-I ched and twenty or thirty in a minute. Cometimes it is not increased beyond its normal Standard during the whole course of the Olisease. Enfacration and debility are promment symptoms, the appetite shan be good but day by day There is a exactify away inclicating list to plainly that there is a cause undernin ing the system which the vital powers Connot resist. The debitity is not usually proposionals the loss of flesh, the patient not unfrequently retaining sufficient strongthe to walk about even to the day of death. Fastrie symptoms are frequent. There is

often fram in the oping astrium which is most generally attended with nausea and vomiting. The vomitings are usually micus in their chaweter; rarely bilions. Dear hoen is another common symptom and one excelling by harassing to the patient. It generally ap-- pears of tel the Clisease is somewhat advance ed. It was formerly believed that the chiar-- Thosa and perspiration for an inverse ratio to each other; but according to Louis and others it seems to have been an erroneous opinion. It has been observed that when chronie gastritis and Chairhoea are present in the early stages of the disease that its course is much onlove sapid. In phthisis the male Defual organs are but little affected; in the femfale however, these organs are com--monly affected. Inpression of the minses is of frequent occurrence, and is thought

to materially increase the danger. Many suppose that pregnancy and factationex est a favorable influence over the disease; Symptoms that were alarming have been known to cheappear frequently du-- zing gestation, and young married women are known to have been free from Lymptoms indicating the disease for many years of child bearing and mursing who previously had all the signs of confirmed phthisis. In the commencement of the Disease the Johnsical signs are Somewhat Nout tful. If percussion be made upon a under the claviele a stight duliness may be preceived, and it is quite a signifcourt sign if a greater Millness is perce well upon one side then upon the other particularly if it is greater refron the lift side. The first auscultatory sign moved.

is feebleness of the respiratory mummer just Below the claviele. As Consolidation of The lung or lungs becomes more complete The vesicular breathing gives place to bron-- Thial respiration and broncof thom; the experatory sound is prolonged which is considered as a very humeteristic sign of this stage of buttercontous deposition, and sometimes the inspiration is very irregular, being wavy or Jerking. As the Clisease progress--es the Whysical Signs become more prom - inent, the mucus and subcrepitant rule, and Sometimes the sonows and sitilant Tales are heard in the same situation, pacussion become onore dull and the vibrations caused by the cough and voice be come perseptible to the hand. When a vomicae is forming the lung its progress can be followed with considerable accuracy.

When a vomica has opened into the brin-Thi percussion is still dull, the vitra--tory motion produced by coughing and Speaking continues, but in addition to these other symptoms now present themselves. The enhance and exit of air produces a sound said to be well expressed by the word gurgling. Faennee calls it gargouilfement. This Sound is caused by the passage of air Through a liquid. When the chvities be--come empty a different sound is heard denominatell cavernous respiration; if the cavity be large it is a hollow Sound: but the Exacting Sound proc - Omcell in the little cavities also comes under the head of cavernous respiration. When the walls of the large cavities become firm the voice and respira-

tion assume what is called an amphorie Esonance, a Sound Which can be easily imitatell by blowing into a decanter with the mouth a short distance from the neck. The sound called metallie tinkling is also heard. These signs are said to be unfailing indi--cution of cavities. The duration of the Olisease varies; It may be very rupics in its course, terminating in a few months or even two as there weeks. When thus Expid it is callell acute phthisis; in common parlance quick or galloping consumption. More often it thingers along for one orme years. The causes and predisposing and excetting. Among the former an inherited prediof rosition is con-- sidered the most influential. The

exciting causes are anything that irritates or finglames the lungs. Febfile action is an efficient exciting cause; also continued morbit revacuations, The healing of old aloers, resolutions of externol derofulous turnous, cessation of the min-- ses and childbearing. About the treat -- ment little need be said. Le consumption curable? is a question which hus been asked times innumerable. That persons suffering with the disease do occasionally preover is known to be true; but that treatment has anything to do with there recoveries no one can prosetively. Wodoubt by proper hy genie measures and safe remedies the dife of the patient may be prolonged perhaps for years.

